

FIG. 1

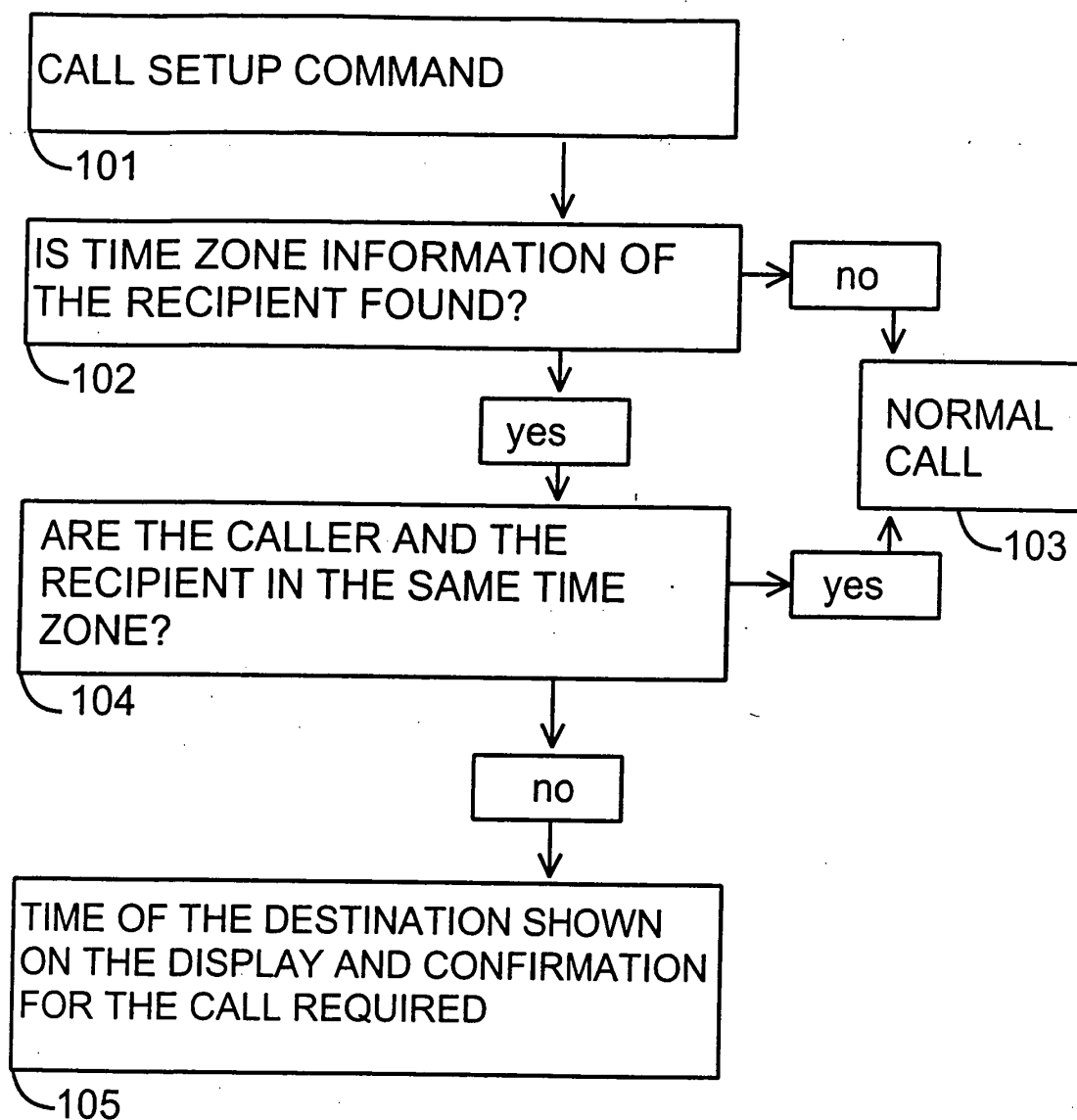


Fig. 1.

FIG. 2

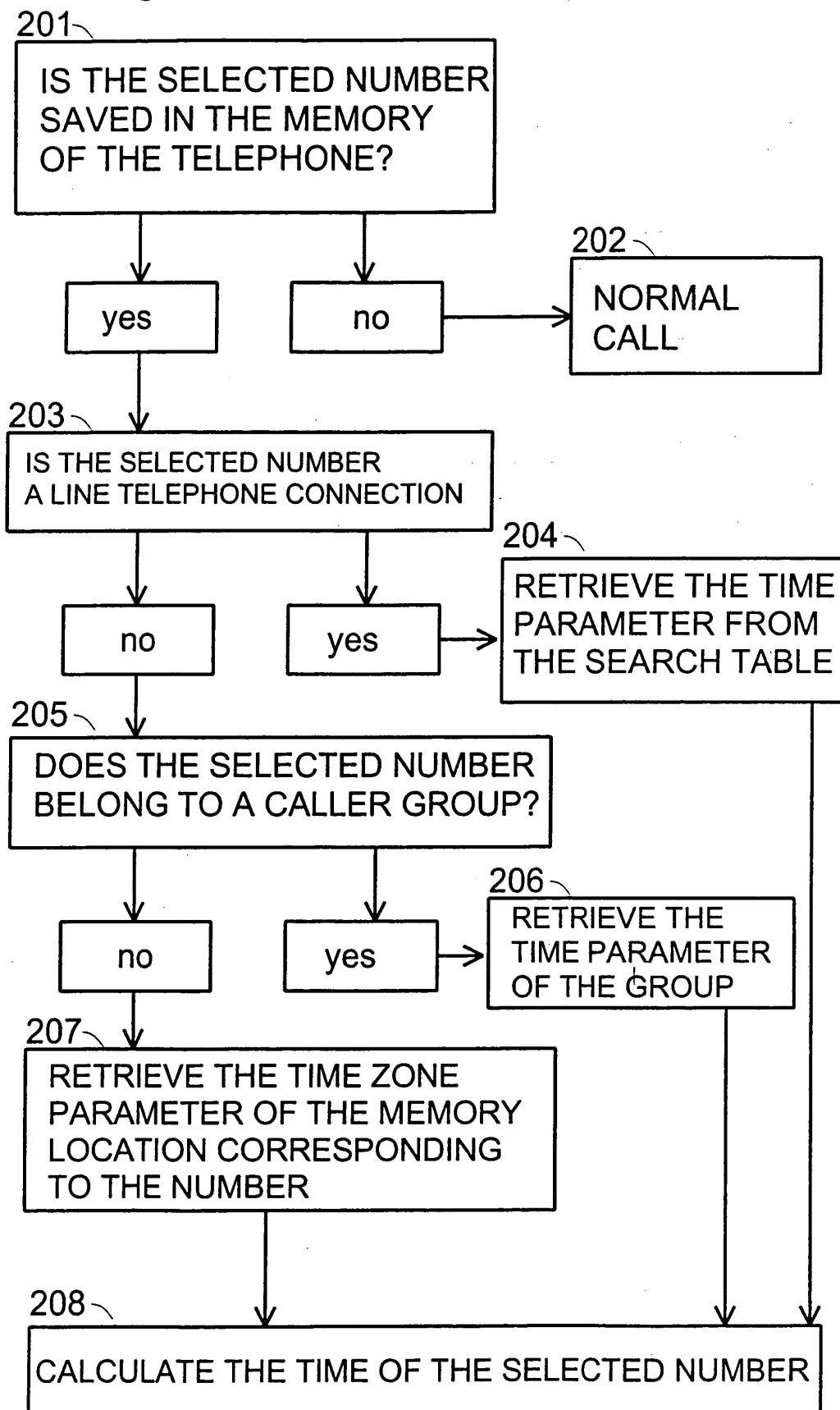


Fig. 2.

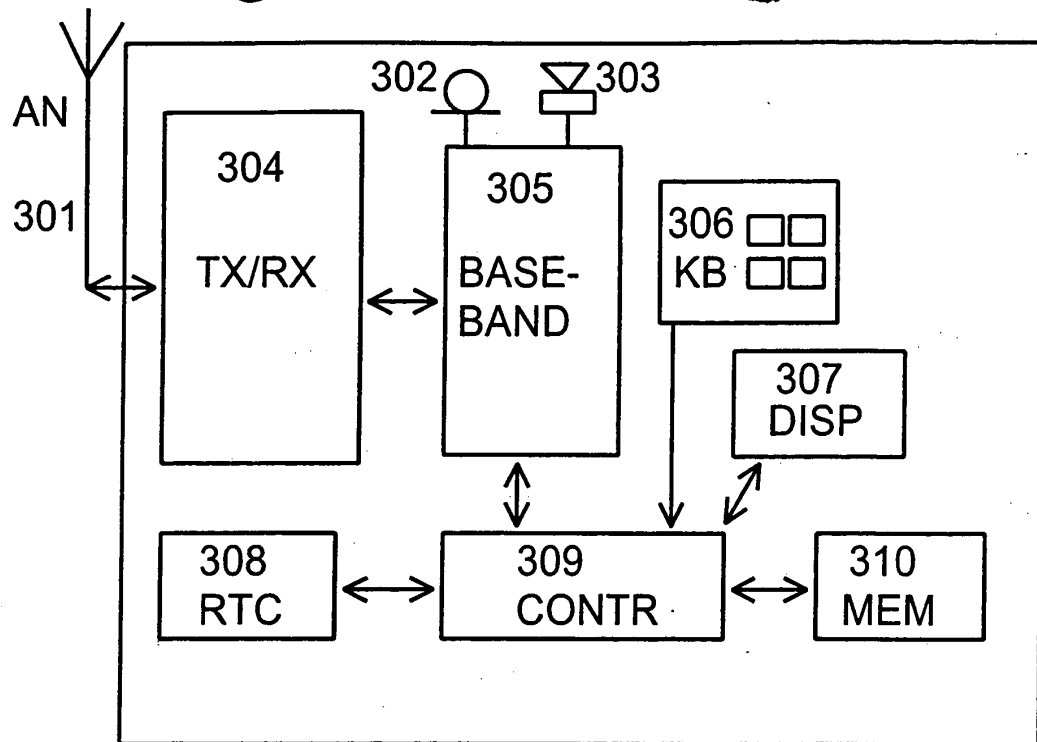


Fig. 3.

FIG. 3

Figure 4 is a network architecture diagram. At the top center is a box labeled 'HLR' with reference numeral 401. Below it, there are three identical VLR/MSC pairs. Each pair consists of a 'VLR' box (reference numeral 403) and an 'MSC' box (reference numeral 402) connected by a horizontal line. A curved line connects the HLR (401) to each of the three MSC boxes (402). Below each MSC box, there are one or more 'RAN' boxes (reference numeral 404). The first MSC box is connected to one RAN box. The second MSC box is connected to two RAN boxes. The third MSC box is connected to one RAN box. Each RAN box is connected to one or more mobile devices, represented by small rectangles with an antenna (reference numeral 405). The first RAN box is connected to one device. The two RAN boxes under the second MSC box are each connected to one device. The third RAN box is connected to one device.

Fig. 4.

FIG. 5

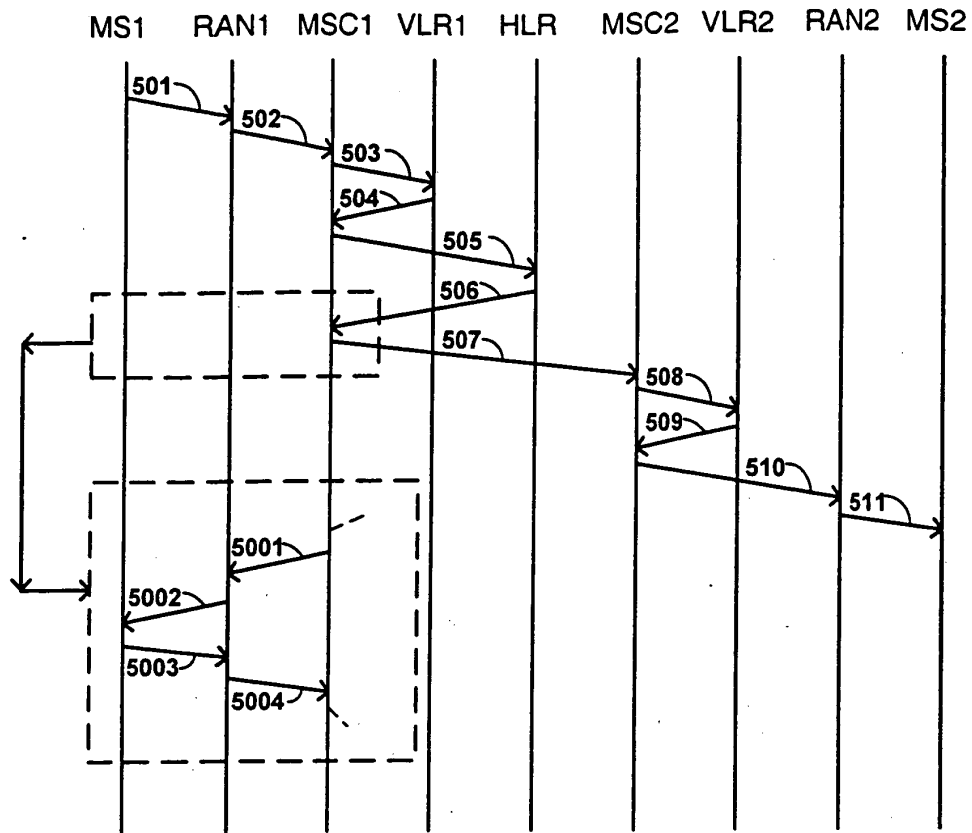


Fig. 5.